

ABSTRACT OF THE DISCLOSURE

The invention relates to an electrostatic micro-switch  
5 intended to connect two conductor paths (4, 5) placed on a  
support, the connection between the two conductor paths being  
created by means of a contact stud (6) fitted to the  
distortion means (3) made in insulating material and capable  
of distorting in relation to the support, under the influence  
10 of an electrostatic force generated by control electrodes, the  
contact stud connecting the ends (14, 15) of the two conductor  
paths (4, 5) when the distortion means are sufficiently  
distorted. The control electrodes are laid out on the  
distortion means and the support in two sets of electrodes, a  
15 first set of electrodes (101, 102, 33, 53) intended to  
generate a first electrostatic force to initiate the  
distorting of the distortion means, a second set of electrodes  
(101, 102, 7, 8) intended to generate a second electrostatic  
force to continue the distorting of the distortion means (3)  
20 so that the contact stud (6) connects the ends (14, 15) of the  
two conductor paths.

Figure 1